Application No.: 10/042,232

Amendment Dated: August 7, 2003 Reply to Office Action of: May 7, 2003

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph at page 1, lines 6-12, with the following rewritten paragraph:

--This invention relates to a method for preparing asymmetric (meth)acrylate crosslinking agents with the general formula (I) with $x = 1, 2, 3, R = H, CH_3, n = 1-100$

CH=CHC(O)O-[-(CH2)*-CHR-O-]**-C(O)CCH3=CH2

 $CH_2 = CHC(O)O - [-(CH_2)_x - CHR - O -]_n - C(O)CCH_3 = CH_2$ (I)

and the use of the crosslinking agents prepared by this method for the synthesis of superabsorbers and thickening agents.--

Please replace the paragraph at page 4, lines 2-11, with the following rewritten paragraph:

--It has now been found that asymmetric (meth)acrylate crosslinking agents of Formula (I) with x = 1,2,3, R = H, CH_3 , n = 1-100

 $\textcolor{red}{\textbf{CH=CHC(O)O-[-(CH_2)_*-CHR-O-]_{n}-C(O)CCH_3=CH_2}}$

 $\underline{\text{CH}_2=\text{CHC}(\text{O})\text{O-}[-(\text{CH}_2)_x-\text{CHR-O-}]_n-\text{C}(\text{O})\text{CCH}_3=\text{CH}_2} \qquad \text{(I)}$

are readily available by reacting hydroxyacrylates of Formula (II)

CH₂=CHC(O)O-[-(CH₂)_x-CHR-O-]_n-H (II)

with methacrylic anhydride to form (I) and methacrylic acid.--

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Please replace the paragraph at page 5, lines 19-22, with the following rewritten paragraph:

a3

--The hydroxyacrylates (II) are available on the market. Hydroxyethyl acrylate and hydroxypropyl acrylate, for example, are described by Gruber et al. (U.S. patent 3,987,090) 4-hydroxybutyl acrylate is available according to EPA 0465853 (the portions of each relevant to the production of hydroxy acrylate is incorporated herein by reference). The hydroxyacrylate may be based on a polytetrahydrofuran chain.--